NO.345 P. RECEIVED CENTRAL FAX CENTER

SEP. 1 3 2005

I hereby pertify that this correspondence is being facsimile fransmitted to the Petert and Tredemark Office, facsimile not (203) 878-93(8, protection of the below.

Dated: 9 13/05 Signature: (DEVID J. Poweres)

Docket No.: 102323-0130 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Jonathan E. Greene

Application No.: 10/643,164

Filed: August 18, 2003

Art Unit: 2124

For: METHODS AND APPARATUS FOR FAST

Examiner: C. C. Do

FOURIER TRANSFORMS

RESPONSE TO SECOND FINAL ACTION

MS AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed July 12, 2005, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

OK to enter CO 09/27/05